

10/537119

PATENT APPLICATION
JC17 Rec'd PCT/PTO 03 JUN 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Susumu NODA et al.

Application No.: New U.S. National Stage of
PCT/JP03/015635

Filed: June 3, 2005

Docket No.: 123456

For: TWO-DIMENSIONAL PHOTONIC CRYSTAL SLAB HAVING THREE-DIMENSIONAL
LOCAL STRUCTURE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. Relevance of the non-English language reference 6-7 are discussed in the present specification.
- ☒ 3. The references 1-5 were cited in an International Search Report. An English language version of the International Search Report is attached for the Examiner's information.
- ☒ 4. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.
- ☒ 5. English language Abstracts of the non-English language references 4-7 are attached hereto.

10/537119

- ☒ 6. A computer-generated English language translation of the following Japanese Patent Publication has been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and is attached, but has not been reviewed for accuracy. See References 4-7.

JC17 Rec'd PCT/PTO 03 JUN 2005

- ☒ 7. Reference 3 corresponds with Reference 7.

Respectfully submitted,

James A. Oliff
Registration No. 27,075

Eric D. Morehouse
Registration No. 38,565

JAO:EDM/mps

Date: June 3, 2005

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

**DEPOSIT ACCOUNT USE
AUTHORIZATION**

Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 123456		APPLICATION NO. New U.S. National Stage of PCT/JP03/015635 10/537119	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Susumu NODA et al.			
				FILING DATE June 3, 2005		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
	1	US 2003/0234972 A1	12/25/03	SIMON			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
	2	WO 02/14913 A1	2/21/2002	WIPO			
	3	EP 1 136 853 A1	9/26/2001	EUROPE			
	4	JP A 06-82642 w/ abst & transl	3/25/1994	JAPAN			
	5	JP A 06-06490 w/ abst & transl	3/11/1994	JAPAN			
	6	JP A 2003-279764 w/ abst & transl	10/2/2003	JAPAN			
	7	JP 2001-272555w/ abst & transl	10/5/2001	JAPAN			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
	8	IWAMOTO et al., "Functional Photonic Crystal Devices Using Micro-Electromechanical Systems," 2002 Nen Shuki Dai 63 Kai Extended Abstracts; <i>The Japan Society Of Applied Physics</i> , 26p-YA-8 MEMS o Riyo Shita Kinosei Photonic Kessho Shoshi, Hakko, Dai 3 Bunsatsu, pp. 922 {September 24, 2002}					
	9	TANAKA et al., "Improvement in Q Factor of Point Defect Cavity in SOI Based 2D Photonic Crystal Slab," 2003 Nen Shuki Dai 64 Kai Extended Abstracts; <i>The Japan Society of Applied Physics</i> , 1a-ZM-10, 2-Jigen Photonic Kessho Slab-Ten Kekkan Kyoshinki heno 3-Jigen Kako no Koka-Rironkaiseki, Hakko, Dai 3 Bunsatsu, pp. 942 {August 30, 2003}					
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: June 3, 2005